Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Hour: 3 6 8

Rubric for Lab Report Write-ups

**Title:**

* Independent variable included \_\_\_\_\_
* Dependent variable included \_\_\_\_\_
* Relationship described between variables described \_\_\_\_\_
* Wording appropriate \_\_\_\_\_

Total \_\_\_\_\_/4

**Abstract:**

* Hypothesis is stated. \_\_\_\_\_/1
* Most prominent data included \_\_\_\_\_/2
* Conclusions discussed \_\_\_\_\_/2
* Background information discussed \_\_\_\_\_/1
* Background information provides context to experiment’s conclusions \_\_\_\_\_/2
* Concise while still providing required information \_\_\_\_\_/2

Total: \_\_\_\_\_/10

**Hypothesis:**

* Independent variable included \_\_\_\_\_
* Dependent variable included \_\_\_\_\_
* Relationship between variables described \_\_\_\_\_
* Written in a testable manner \_\_\_\_\_

Total \_\_\_\_\_/4

**Introduction:**

* Hypothesis stated \_\_\_\_\_
* Question stated \_\_\_\_\_
* What caused the interest \_\_\_\_\_
* Current knowledge discussed \_\_\_\_\_
* Connections to current knowledge \_\_\_\_\_

Total \_\_\_\_\_/10

**Materials:**

* Written in list form \_\_\_\_\_
* List is complete \_\_\_\_\_
* List is detailed \_\_\_\_\_
* Experiment could replicated with only the items on the list ­­­­\_\_\_\_\_

Total \_\_\_\_\_/4

**Procedure:**

* Written in list form \_\_\_\_\_
* In general, one action per step \_\_\_\_\_
* Actions described thoroughly \_\_\_\_\_
* Experiment could be replicated exactly based on procedure \_\_\_\_\_

Total \_\_\_\_\_/8

**Data:**

* Genuine recording of data taken during the experiment \_\_\_\_\_
* Other information, such as graphs, not included \_\_\_\_\_

Total \_\_\_\_\_/2

**Results:**

* Graphs included \_\_\_\_\_
* Correct graphs for the data chosen \_\_\_\_\_
* Graphs constructed correctly with all the information included \_\_\_\_\_
* Conclusions NOT drawn in the results section \_\_\_\_\_

Total \_\_\_\_\_/4

**Conclusion:**

* Hypothesis is again stated \_\_\_\_\_/1
* Discussion of hypothesis being supported/unsupported \_\_\_\_\_/2
* Results stated \_\_\_\_\_/1
* Results discussed and connected to conclusions \_\_\_\_\_/2
* Conclusions are connected to the background information \_\_\_\_\_/2
* Possible errors in the experiment \_\_\_\_\_/1
* What could be done differently for better results \_\_\_\_\_/2
* Confounding variables \_\_\_\_\_/1
* How to deal with confounding variables \_\_\_\_\_/2
* How are your conclusions useful \_\_\_\_\_/2

Total \_\_\_\_\_/16

**Citations:**

* Internal citations (at least two) included \_\_\_\_\_/2
* Internal and full citations written in APA format \_\_\_\_\_/2
* Citations are relevant and useful \_\_\_\_\_/1

Total \_\_\_\_\_/5

**Other:**

* Grammar, spelling and other logistical writing standards \_\_\_\_\_
* Flow of writing is easy to follow/connections are made \_\_\_\_\_
* Organization \_\_\_\_\_
* Creativity of the experiment \_\_\_\_\_

Total \_\_\_\_\_/8

**Visual Aid**

* Adds to the overall presentation \_\_\_\_\_/4
* Information displayed in a clear manner \_\_\_\_\_/4
* Creativity \_\_\_\_\_/5

Total \_\_\_\_\_/13

**Total \_\_\_\_\_/84**